

PATENT SPECIFICATION

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(54) IMPROVEMENTS IN AND RELATING TO SCREW-ON COVERS AND STOPPERS FOR CONTAINERS

(71) I, FRANCIS CHRISTOPHER CAULFIELD, a British subject, of 15, Nylands Avenue, Kew Gardens, Richmond, Surrey, do hereby declare the invention for which I pray that a patent may be granted to me, and the method by which it is to be performed, to be particularly described in and by the following statement:—

This invention relates to screw-on covers and stoppers for containers such as jars and bottles used for liquids, pastes and powders domestically and otherwise.

It is a common experience that such covers and stoppers are often difficult to grip firmly by hand in order to unscrew them if firmly sealed, and the object of the present invention is to provide facilities on such a cover or stopper to enable a firm grip to be established more easily than heretofore when detachment is desired.

With this end in view the invention consists in a screw-on cover or screw-in stopper for a container comprising a body having externally around its periphery a resilient band or ring which is in sufficiently tight contact with the body to provide a cushioned friction grip whereby the cover or stopper can be unscrewed using said grip. The resilient band or ring may be fitted in a channelled recess round the periphery and may be formed of rubber or plastics.

The invention will be clearly understood from the following description of forms (given, however, merely by way of example) which it may assume, and this description will be more readily followed by reference to the drawings accompanying the Provisional Specification of this invention wherein

Figure 1 represents in perspective, partly broken away, a screw-on jar cover in accordance with the invention:

Figure 2 represents a section in an axial diametrical plane of part of a cover such as shown:

Figures 3 and 4 represent views,

[Price 33p]

corresponding respectively to those of Figures 1 and 2, of a screw-in bottle stopper in accordance with the invention.

In carrying the invention into effect in one convenient manner, as shown in Figures 1 and 2 when applied to a screw-on jar cover, the cover may comprise a dished body 1 with a conventional screw-threaded skirt 2, of any suitable material. Externally round its periphery the body 1 is formed with a shallow channelled recess 3 of U-shaped cross-section, and in this channel is mounted a band 4 of resilient material tensioned to remain firmly in the channel.

As shown in Figures 3 and 4 the invention may be applied to a screw-in stopper (e.g. for a bottle) comprising a solid externally screw-threaded body 5 with a circular head or flange 6 of substantial thickness, to allow provision of the external peripheral recess 3 fitted with the resilient band 4 as described above.

When it is desired to unscrew a cover or stopper such as described above from a container the band 4 is firmly grasped by hand and provides a cushioned friction grip on the body 1, 2 or 5, 6 which facilitates the action of unscrewing.

It should be understood that the invention is not limited solely to the details of the forms described above, which may be modified, in order to meet various conditions and requirements encountered, without departing from the scope of the invention.

WHAT I CLAIM IS:—

1. A screw-on cover or screw-in stopper for a container comprising a body having externally around its periphery a resilient band or ring which is in sufficiently tight contact with the body to provide a cushioned friction grip whereby the cover or stopper can be unscrewed using said grip.

2. A cover or stopper as claimed in Claim 1 wherein the resilient material is

accommodated in a sunken area, e.g. a surrounding channel, of said periphery.

5 3. A cover as claimed in either preceding claim comprising a dished body with said resilient material surrounding the skirt thereof.

10 4. A stopper as claimed in any of Claims 1—3 comprising a screw-threaded body having an integral flat cylindrical head, with said resilient band or ring surrounding the periphery of said head.

5. A screw-on cover or screw-in stopper as claimed in Claim 1, substantially as described herein with reference to the drawings accompanying the Provisional Specification of this invention. 15

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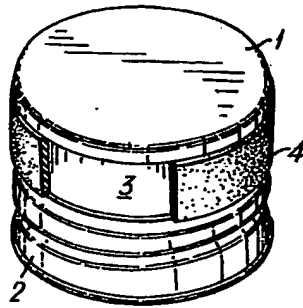


Fig. 1.

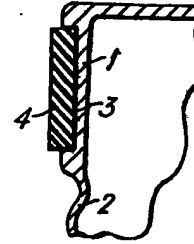


Fig. 2.

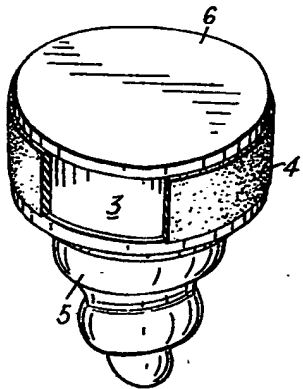


Fig. 3.

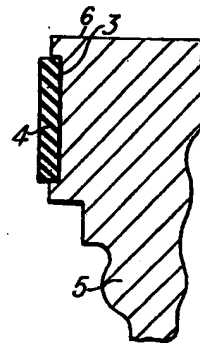


Fig. 4.